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File: DWPI

Nov 21, 1985

DERWENT-ACC-NO: 1985-297001

DERWENT-WEEK: 198548

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**TITLE:** Vitamin=E ointments, gels, creams and drops use - for protection of eyes against oxygen and free radicals and treatment and prophylaxis of inflammatory processes

**INVENTOR:** ISMAIL, M R

**PATENT-ASSIGNEE:**

ASSIGNEE	CODE
ISMAIL M R	ISMAI

**PRIORITY-DATA:** 1984DE-3416209 (May 2, 1984)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> DE 3416209 A	November 21, 1985		010	
<input type="checkbox"/> DE 3584909 G	January 30, 1992		000	
<input type="checkbox"/> EP 163924 A	December 11, 1985	E	000	
<input type="checkbox"/> EP 163924 B	December 18, 1991		000	

**DESIGNATED-STATES:** AT BE CH DE FR GB IT LU NL SE AT BE CH DE FR GB IT LI LU NL SE

**CITED-DOCUMENTS:** FR 2420973 ; GB 1453239 ; EP 151987 ; EP 151989 ; EP 152106 ; EP 158090 ; WO 8401899

**INT-CL (IPC):** A61K 9/06; A61K 31/35

**ABSTRACTED-PUB-NO:** DE 3416209A

**BASIC-ABSTRACT:**

Protection of the eyes against injurious oxygen oxidn. and against injurious radicals, and treatment and prophylaxis of inflammatory processes, using vitamin E-contg. ointments, gels, creams or drops with usual carriers and adjuvants are new.

Vitamin E is pref. in the form of dl-alpha-tocopherol, D-alpha-tocopherol or D-alpha-tocopherol concentrate. Vitamin A (if present) can e.g. be in the form of vitamin A palmitate or acetate. Other active ingredients can include B series

vitamins (e.g. thiamine HCl, riboflavin 5-phosphate, cyanocobalamin), ascorbic acid, berberine hydrochloride, naphazoline, dexpanthenol, calcium pantothenate, sodium D-pantothenate, digitalis, aesculin, sodium iodide, rubidium iodide, calcium iodide, oil of fennel, rose oil or oil of balm.

ADVANTAGE - When applied to the eyes, vitamin E penetrates into the inner eye. Similar effects are observed when the preparations are applied to the nasal mucosa and to mucous membranes generally. When the preparations also contain vitamin A, the beneficial effects of vitamin A are potentiated.

ABSTRACTED-PUB-NO:

EP 163924B

EQUIVALENT-ABSTRACTS:

The use of vitamin E in combination with one or more blood circulation-promoting agent(s) and/or vitamin A, optionally with one or more substances from the group of the vitamins of the B series, vitamin C, preservatives, conventional carriers and excipients for the preparation of a medicament for the external treatment of the mucous membranes of the eyes, of the nose and of the throat and pharynx region in cases of allergies and colds. (10pp)

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: VITAMIN=E OINTMENT GEL CREAM DROP PROTECT EYE OXYGEN FREE RADICAL TREAT PROPHYLACTIC INFLAMMATION PROCESS

DERWENT-CLASS: B05

CPI-CODES: B03-H; B12-D07; B12-L04;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*  
Fragmentation Code  
D012 D016 D025 D120 H4 H401 H441 H8 M210 M211  
M225 M232 M240 M283 M320 M412 M511 M520 M530 M540  
M781 M903 M910 P420 P922 Q624 V0 V350

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0179U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1985-128534

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**Vitamin medicine for the treatment and protection of mucous membranes, and use of vitamin E for manufacturing the medicine.****Publication number:** EP0163924**Publication date:** 1985-12-11**Inventor:** ISMAIL ROSHDY DR**Applicant:** ROSHDY ISMAIL**Classification:****- international:** A61K9/00; A61K31/355; A61K9/00; A61K31/352;  
(IPC1-7): A61K31/355; A61K9/06**- European:** A61K9/00M14; A61K9/00M16; A61K31/355**Application number:** EP19850105171 19850427**Priority number(s):** DE19843416209 19840502**Also published as:**

EP0163924 (B1)

**Cited documents:**

GB1453239

FR2420973

**Report a data error here****Abstract of EP0163924**

An agent for the treatment and for the protection of the mucous membranes of the eyes and of the nose and of the throat contains vitamin E, where appropriate combined with other vitamins and additives.

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